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FORM PTO-1449 (Rev. 7-80)	U.S. Dept. of Commerce Patent and Trademark Office	Atty Docket No. BIOG 20121 USA	Serial No. 07/923,692
LIST OF PRIOR ART CITED BY APPLICANT (Use several sheets if necessary)		Applicant JON DONSON et al.	
		Filing Date July 31, 1992	Group <u>1804</u>

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*Examiner Initials		Document Number	Date	Name	Class	Subclass	Filing Date
PRM	AA	4,855,237	8/8/89	Morinaga, et al.,	435	320	8/21/84
PRM	AB	5,128,460	7/7/92	Piatak, Jr., et al.,	536	27	4/4/90

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	AC							

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PRM	AD	Alquist and Janda, "cDNA Cloning and In Vitro Transcription of the Complete Brome Mosaic Virus Genome", <u>Mol. and Cell. Biol.</u> 4: 2876-2882 (1984).
	AE	Dawson, et al., "cDNA cloning of the complete genome of tobacco mosaic virus and production of infectious transcripts", <u>Proc. Natl. Acad. Sci. USA</u> 83: 1832-1836 (1986).
	AF	Lebeurier, et al., "Infectivities of native and cloned DNA of cauliflower mosaic virus", <u>Gene</u> 12: 139-146 (1980).
	AG	Brisson and Hohn, "Plant virus Vectors: Cauliflower Mosaic Virus", <u>Methods in Enzymology</u> 118: 659-668 (1986).
	AH	Dawson, et al., "A Tobacco Mosaic Virus-Hybrid Expresses and Loses an Added Gene", <u>Virology</u> 172: 285-292 (1989).
	AI	Takamatsu, et al., "Expression of bacterial chloramphenicol acetyltransferase gene in tobacco plants mediated by TMV-RNA", <u>The EMBO Journal</u> 6: 307-311 (1987).
	AJ	French, et al., "Bacterial Gene Inserted in an Engineered RNA Virus: Efficient Expression in Monocotyledonous Plant Cells", <u>Science</u> 231: 1294-1297 (1986).
	AL	Takamatsu, et al., "Production of enkephalin in tobacco protoplasts using tobacco mosaic virus RNA vector", <u>FEBS Letters</u> 269: 73-76 (1990).
	AM	Ooshika, et al., "Identification of the 30K Protein of TMV by Immunoprecipitation with Antibodies Directed against a Synthetic Peptide", <u>Virology</u> 132: 71-78 (1984).
	AN	Deom, et al., "The 30-Kilodalton Gene Product of Tobacco Mosaic Virus Potentiates Virus Movement", <u>Science</u> 237: 389-394 (1987).
	AO	Nozu, et al., "Chemical and Immunological Characterization of Cucumber Green Mottle Mosaic Virus (Watermelon Strain) Protein", <u>Virology</u> 45: 577-585 (1971).
	AP	Kurisu, et al., "Biochemical Characterization of Cucumber Green Mottle Mosaic Virus Ribonucleic Acid", <u>Virology</u> 70: 214-216 (1976).
	AQ	Fukuda, et al., "Correlation between particle multiplicity and location on virion RNA of the assembly initiation site for viruses of the tobacco mosaic virus group", <u>Proc. Natl. Acad. Sci. USA</u> 78: 4231-4235 (1981).
	AR	Otsuki, et al., "Reconstitution of tobacco mosaic virus rods occurs bidirectionally from an internal initiation region: Demonstration by electron microscopic serology", <u>Proc. Natl. Acad. Sci. USA</u> 74: 1913-1917 (1977).
	AS	Fukuda, et al., "The Site of Initiation of Rod Assembly on the RNA of a Tomato and a Cowpea Strain of Tobacco Mosaic Virus", <u>Virology</u> 101: 492-502 (1980).
	AT	Meshi, et al., "Nucleotide Sequence of the Coat Protein Cistron and the 3' Noncoding Region of cucumber Green Mottle Mosaic Virus (Watermelon Strain) RNA", <u>Virology</u> 127: 54-64 (1983).
✓	AU	Ahlquist, et al., "Complete Nucleotide Sequence of Brome Mosaic Virus RNA3", <u>J. Mol. Biol.</u> 153: 23-28 (1981).

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ppm	BD	Hedgpeth, et al., "Lambda Phage Promoter Used to Enhance Expression of a Plasmid-Cloned Gene", <u>Mol. Gen. Genet.</u> 163: 197-203 (1978).
	BE	Bernard, et al., "Construction of Plasmid Cloning Vehicles that Promote Gene Expression From the Bacteriophage Lambda ρ_L Promoter", <u>Gene</u> 5: 59-76 (1979).
	BF	Remaut, et al., "Plasmid vectors for high-efficiency expression controlled by the ρ_L promoter of coliphage lambda", <u>Gene</u> 15: 81093 (1981).
	BG	Grimsley, et al., "Agrobacterium-mediated delivery of infectious maize streak virus into maize plants", <u>Nature</u> 325: 177-179 (1987).
	BH	Gardner, et al., "Potato spindle tuber viroid infections mediated by the Ti plasmid of <u>Agrobacterium tumefaciens</u> ", <u>Plant Mol. Biol.</u> 6: 221-228 (1986).
	BI	Grimsley, et al., " 'Agroinfection,' and alternative route for viral infection of plants by using the Ti plasmid", <u>Proc. Natl. Acad. Sci. USA</u> 83: 3282-3286 (1986).
	BJ	Larowitz, Sondra, "Infectivity and complete nucleotide sequence of the genome of a South African isolate of maize streak virus", <u>Nucleic Acids Research</u> 16: 229-249 (1988).
	BK	Donson, et al., "Agrobacterium-Mediated Infectivity of Cloned Digitaria Streak Virus DNA", <u>Virology</u> 162: 248-250 (1988).
	BL	Hayes, et al., "Agroinfection of <u>Triticum aestivum</u> with Cloned DNA of Wheat Dwarf Virus", <u>J. Gene. Virol.</u> 69: 891-896 (1988).
	BM	Elmer, et al., "Agrobacterium-mediated inoculation of plants with tomato golden mosaic virus DNA's", <u>Plant Molecular Biology</u> 10: 225-234 (1988).
	BN	Gardiner, et al., "Genetic analysis of tomato golden mosaic virus: the coat protein is not required for systemic spread of symptom development", <u>The EMBO Journal</u> 7: 899-904 (1988).
	BO	Huber, et al., "Primary Structure of tyrosinase from <u>Streptomyces glaucescens</u> ", <u>Biochemistry</u> 24: 6038-6044 (1985).
	BP	Tanksley and Zamir, "Double Tagging of a Male-sterile Gene in Tomato using a Morphological and Enzymatic Marker Gene", <u>Hort Science</u> 23: 387-388 (1988).
	BQ	Rao and Devi, "Variation in expression of genic male sterility in pearl millet", <u>Journal of Heredity</u> 74: 34-38 (1983).
	BR	Dewey, et al., "Novel recombinations in the Maize Mitochondrial Genome Produce a Unique Transcriptional Unit in the Texas Male-Sterile Cytoplasm", <u>Cell</u> 44: 439-449 (1986).
	BS	Pearson, Q.H., "Nature and Mechanisms of cytoplasmic Male Sterility in Plants: a Review 1", <u>Hort Science</u> 16(4): 482-486 (1981).
	BT	Konvicka, et al., "Untersuchungen uber die Ursachen der Pollenstrilitat bei <u>Allium sativum</u> L.", <u>Z. Pflanzenzuchtung</u> 80: 265-276 (1978).
	BU	Remy and Ambard-Bretteville, "Two Dimensional Analysis of Chloroplast Proteins from Normal and Cytoplasmic Male Sterile <u>Brassica napus</u> ", <u>Theor. Appl. Genet.</u> 64: 249-253 (1983).
	BV	Padmaja, et al., "Cytogenetical Investigations on Genic Male Sterility in <u>Petunia axillaris</u> (Lam.) B.S.P.", <u>Cytologia</u> 53: 585-589 (1988).
	BW	Ebert, et al., "Genetic Polymorphism of Self-Incompatibility in Flowering Plants", <u>Cell</u> 56: 255-262 (1989).
✓	BX	Dawson, et al., "Modifications of the Tobacco Mosaic Virus coat Protein Gene Affecting Replication, Movement, and Symptomatology", <u>Phytopathology</u> 78: 783-789 (1988).

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CA						

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PRM	CB	Goelet, et al, "Nucleotide sequence of tobacco mosaic virus RNA", <u>Proc. Natl. Acad. Sci. USA</u> 79: 5818-5822 (1982).
	CC	Shaw, W. V., "Chloramphenicol Acetyltransferase from Chloramphenicol-Resistant Bacteria", <u>Meth. Enzymology</u> 53: 737-755 (1975).
	CD	Logemann, et al., "Improved Method for the Isolation of RNA", <u>Anal. Biochem.</u> 163: 16-20 (1987).
	CE	Zagursky, et al., "Rapid and Easy Sequencing of Large Linear Double-stranded DNA and Supercoiled Plasmid DNA", <u>Gene Anal. Tech.</u> 2: 89-94 (1985).
	CF	Goelet and Karn, "Tobacco Mosaic Virus Induces the Synthesis of a Family of 3' Coterminal Messenger RNA's and their Complements", <u>J. Mol. Biol.</u> 154: 541-550 (1982).
	CG	Dougherty, William, "Analysis of viral RNA Isolated from Tobacco Leaf Tissue Infected with Tobacco Etch Virus", <u>Virology</u> 131: 473-481 (1983).
	CH	Kirkegaard and Baltimore, "The Mechanism of RNA REcombination in Poliovirus", <u>Cell</u> 47: 433-443 (1986).
	CI	Bujarski and Kaesberg, "Genetic recombination between RNA components of a multipartite plant virus", <u>nature</u> 321: 528-531 (1986).
	CJ	Keen, et al., "Improved broad-host-range plasmids for DNA cloning in Gram-negative bacteria", <u>gene</u> 70: 191-197 (1988).
Sta	CK	Beck, et al., "Nucleotide sequence and exact localization of the neomycin phosphotransferase gene from transposon Tn5", <u>Gene</u> 19: 327-336 (1982).
	CL	Brisson, et al., "Expression of a bacterial gene in plants by using a viral vector", <u>Nature</u> 310: 511-514 (1984).
	CM	Rogers, et al., "Evidence for Ribosome Scanning During Translation Initiation of mRNA's in Transformed Plant Cells", <u>Plant Mol. Biol. Rep.</u> 3: 111-116 (1985).
	CN	Gooding and Hebert, "A Simple Technique of Purification of Tobacco Mosaic Virus in Large Quantities", <u>Phytopathology</u> 57: 1285 (1967).
	CO	Feinberg and Vogelstein, "A Technique for Radiolabeling DNA Restriction Endonuclease Fragments to High Specific Activity", <u>Anal. Biochem.</u> 137: 6-13 (1983).
	CP	Feinberg and Vogelstein ADDENDUM "A Technique for Radiolabeling DNA Restriction Endonuclease Fragments to High Specific Activity", <u>Anal. Biochem.</u> 137: 266-267 (1984).
	CQ	Bradford, Marion "A Rapid and Sensitive Method for the Quantitation of Microgram Quantities of Protein Utilizing the Principle of Protein-Dye Binding", <u>Anal. Biochem.</u> 72: 248-254 (1976).
	CR	McDonnell, et al., "A Simplified Method for the Detection of Neomycin Phosphotransferase II Activity in Transformed Plant Tissues", <u>Plant Mol. Biol. Rep.</u> 5: 380-386 (1987).
	CS	French and Alhquist, "Characterization and Engineering of Sequences Controlling In Vivo synthesis of Brome Mosaic Virus Subgenomic RNA", <u>J. Virol.</u> 62: 2411-2420 (1988).
	CT	Kumagai, et al., "Expression and secretion of rice α -amylase by <u>Saccharomyces cerevisiae</u> Gene 94: 209-216 (1990).
	CU	O'Neill, et al., "The α -amylase genes in <u>Oryza sativa</u> : Characterization of cDNA clones and mRNA expression during seed germination", <u>Mol Gen. Genet.</u> 221: 235-244 (1990).
	CV	Hamamoto, et al., "Nucleotide Sequence of the Cyclomaltodextrin Glucano-transferase (CGTase) Gene from Alkalophilic <u>Bacillus</u> sp. Strain No. 38-2.", <u>Agric. Biol. Chem.</u> 51: 2019-2022 (1987).

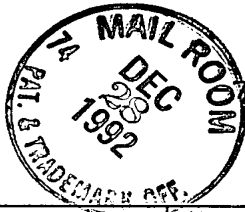
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DA						

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PRM	DB	Henikoff, Steven "Unidirectional digestion with exonuclease III creates targeted breakpoints for DNA sequencing", <u>Gene</u> 28: 351-359 (1984).
	DC	Nilsson, et al., "An improved positive selection plasmid vector constructed by oligonucleotide mediated mutagenesis", <u>Nucleic Acids Research</u> 11: 8019-8030 (1983).
	DD	Gergan, et al., "Filter replicas and permanent collections of recombinant DNA plasmids", <u>Nucleic Acids Research</u> 7: 2115-2136 (1979).
	DE	Higerd and Spizizen "Isolation of Two Acetyl Esterases from Extracts of <u>Bacillus subtilis</u> ", <u>J. Bacteriol.</u> 114: 1184-1192 (1973).
	DF	Ounissi and Courvalin "Nucleotide sequence of the gene <u>ereA</u> encoding the erythromycin esterase in <u>Escherichia coli</u> ", <u>Gene</u> 35: 271-278 (1985).
	DG	Ohashi, et al., "Molecular Cloning of the Penicillin G Acylase Gene from <u>Arthrobacter viscosus</u> ", <u>Appl. Environ. Microbiol.</u> 54: 2603-2607 (1988).
	DH	Wang, et al., "scientific evaluation of Tian Hua Fen (THF) - history, chemistry and application", <u>Pure Appl. Chem.</u> 58: 789-798 (1986).
	DI	Jimenez and Vazquez "Plant and Fungal Proteins and Glycoprotein Toxins Inhibiting Eukaryote Protein Synthesis", <u>Ann. Rev. Microbiol.</u> 39: 649-672 (1985).
	DJ	Endo, et al., "The Mechanism of Action of Ricin and Related Toxic Lectins on Eukaryotic Ribosomes", <u>J. Biol. Chem.</u> 262: 5908-5912 (1987).
	DK	Maraganore, et al., "Purification and Characterization of Trichosanthin", <u>J. Biol. Chem.</u> 262: 11628-11633 (1987).
	DL	Collins, et al., "Primary Amino Acid Sequence of α -Trichosanthin and Molecular Models for Abrin A-chain and α -Trichosanthin", <u>J. Biol. Chem.</u> 265: 8665-8669 (1990).
	DM	McGrath, et al., "GLQ223: An inhibitor of human immunodeficiency virus replication in acutely and chronically infected cells of lymphocyte and mononuclear phagocyte lineage", <u>Proc. Natl. Acad. Sci. USA</u> 86: 2844-2848 (1989).
	DN	Shaw, et al., "Cloning of trichosanthin cDNA and its expression in <u>Escherichia coli</u> ", <u>Gene</u> 97: 267-272 (1991).
	DO	Ahlquist and French, "Multicomponent RNA plant virus infection derived from clones viral cDNA", <u>Proc. Natl. Acad. Sci. USA</u> 81: 7066-7070 (1984).
	DP	Miller, et al. "synthesis of brome mosaic virus subgenomic RNA <u>in vitro</u> by internal initiation on (-)-sense genomic RNA", <u>Nature</u> 313: 68-70 (1985).
	DQ	Takamatusu, et al., "Production of enkephalin in tobacco protoplasts using tobacco mosaic virus RNA vector", <u>FEBS Letters</u> 269: 73-76 (1990).
	DR	Dawson, et al, "A Tobacco Mosaic virus-Hybrid Expresses and Loses an Added Gene", <u>Virology</u> 172: 285-292 (1989).
	DS	Donson, et al., "Systemic expression of a bacterial gene by a tobacco mosaic virus-based vector", <u>Proc. Natl. Acad. Sci. USA</u> 88: 7204-7208 (1991).
	DT	Chow, et al., "Isolation and DNA Sequence of a Gene Encoding α -Trichosanthin, a Type I Ribosome-inactivating Protein", <u>J. Biol. Chem.</u> 265: 8670-8674 (1990).
	DU	Saiki, et al., "enzymatic Amplification of β -Globin Genomic sequences and Restriction site Analysis for Diagnosis of Sick Cell Anemia", <u>Science</u> 230: 1350-1354 (1985).
V	DV	Hiatt, et al., "Production of antibodies in transgenic plants", <u>Nature</u> 342: 76-78 (1989).

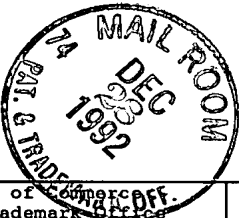
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EA						

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	EC		Hewick, et al., "A Gas-Liquid Solid Phase Peptide and Protein Sequenator", <u>J. Biol. Chem.</u> 256: 7990-7997 (1981).
	ED		von Heijne, Gunnar "A new method for predicting signal sequence cleavage sites", <u>Nucleic Acids Research</u> 14: 4683-4690 (1986).
	EF		Dawson, et al., "cDNA cloning of the complete genome of tobacco mosaic virus and production of infectious transcripts", <u>Proc. Natl. Acad. Sci. USA</u> 83: 1832-1836 (1986).
	EG		Laemmli, U.K., "Cleavage of Structural Proteins during the Assembly of the Head of Bacteriophage T4", <u>Nature</u> 227: 680-685 (1970).
✓	EH		Towbin, et al., "Electrophoretic transfer of proteins from polyacrylamide gels to nitrocellulose sheets: Procedure and some applications", <u>Proc. Natl. Acad. Sci. USA</u> 76: 4350-4354 (1979).
	EI	**	Grierson, D., et al., <u>Plant-Molecular Biology</u> Blackie, London pp. 126-146 (1984).
	EJ	**	Gluzman, V., et al., <u>Communications in Molecular Biology: Viral Vectors</u> Cold Spring Harbor Laboratory, New York, pp. 172-189 (1988).
	EK	**	Maniatis, T., et al., <u>Molecular Cloning</u> (1st Edition) Sambrook, et al., (2nd Edition) Cold Spring Harbor Laboratory, Cold Spring Harbor (1982, 1989).
	EL	**	Clover, D.M., Editor <u>Molecular Cloning</u> , IRL Press, Oxford (1985).
	EM	**	<u>Methods in Enzymology</u> Vols. 68, 100, 101, 118, 152, 153, 154, 155 (1979, 1983, 1986, 1987).
	EN	**	Miller, J.H., <u>Experiments in Molecular Genetics</u> Cold Spring Harbor Laboratory New York (1972).
	EO	**	Ausubel, F.M., et al., <u>Current Protocols in Mol. Biol</u> Wiley, New York (1987).
	EP	**	King, A.M.Q., <u>RNA Genetics</u> E. Domingo et al., Eds. Vol. II, 149-165, CRC Press, Inc., Boca Raton, Fla. (1988).
	EQ		
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